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$$\begin{aligned} \text{a)} \quad & \overset{2x}{\cancel{6x}} + 3 = \overset{0}{\cancel{4x}} + 11 && \parallel -4x \\ & 2x + \overset{0}{\cancel{3}} = \overset{8}{\cancel{11}} && \parallel -3 \\ & \frac{2x}{2} = \frac{8}{2} && \parallel :2 \\ & x = 4 \end{aligned}$$

$$\begin{aligned} \text{b)} \quad & \cancel{7x} - 3 = \cancel{5x} + 11 && \parallel -5x \\ & 2x - \cancel{3} = \cancel{11} && \parallel +3 \\ & \frac{2x}{2} = \frac{14}{2} && \parallel :2 \\ & x = 7 \end{aligned}$$

$$\begin{aligned} \text{c)} \quad & \cancel{8x} + 3 = \cancel{x} + 24 && \parallel -x \\ & 7x + \cancel{3} = \cancel{24} && \parallel -3 \\ & \frac{7x}{7} = \frac{21}{7} && \parallel :7 \\ & x = 3 \end{aligned}$$

$$\begin{aligned} \text{d)} \quad & \overset{2x}{\cancel{8x}} - 7 = \overset{0}{\cancel{6x}} + 3 && \parallel -6x \\ & -7 + 7 = 0 && \\ & 2x - \overset{0}{\cancel{7}} = \overset{10}{\cancel{3}} && \parallel +7 \\ & \frac{2x}{2} = \frac{10}{2} && \parallel :2 \\ & x = 5 \end{aligned}$$

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$$\begin{aligned} \text{a)} \quad \cancel{7x} + 2 &= \cancel{2x} + 27 && \parallel -2x \\ 5x + 2 &= 27 && \parallel -2 \\ 5x &= 25 && \parallel :5 \\ \frac{5x}{5} &= \frac{25}{5} \\ x &= 5 \end{aligned}$$

$$\begin{aligned} \text{b)} \quad \cancel{5x} - 11 &= \cancel{3x} + 1 && \parallel -3x \\ 2x - 11 &= 1 && \parallel +11 \\ 2x &= 12 && \parallel :2 \\ \frac{2x}{2} &= \frac{12}{2} \\ x &= 6 \end{aligned}$$

$$\begin{aligned} \text{c)} \quad \cancel{4x}^{2x} + 6 &= \cancel{2x} && \parallel -2x \\ 2x + 6 &= 0 && \parallel -6 \\ 2x &= -6 && \parallel :2 \\ \frac{2x}{2} &= \frac{-6}{2} \\ x &= -3 \end{aligned}$$

$$\begin{aligned} \text{d)} \quad \cancel{4x} - 3 &= \cancel{2x} - 3 && \parallel -2x \\ 2x - 3 &= -3 && \parallel +3 \\ 2x &= 0 && \parallel :2 \\ \frac{2x}{2} &= \frac{0}{2} \\ x &= 0 \end{aligned}$$

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$$\begin{array}{l} a) \quad \cancel{5x} + 2 = \cancel{3x} + 12 \quad || -3x \\ \quad \quad 2x + 2 = 12 \quad || -2 \\ \quad \quad \quad \frac{2x}{2} = \frac{10}{2} \\ \quad \quad \quad x = 5 \end{array}$$

$$\begin{array}{l} b) \quad \cancel{7y} + 3 = \cancel{4y} + 15 \quad || -4y \\ \quad \quad 3y + 3 = 15 \quad || -3 \\ \quad \quad \quad \frac{3y}{3} = \frac{12}{3} \quad || :3 \\ \quad \quad \quad y = 4 \end{array}$$

$$\begin{array}{l} c) \quad \cancel{8x} + 15 = \cancel{4x} + 3 \quad || -4x \\ \quad \quad 4x + 15 = 3 \quad || -15 \\ \quad \quad \quad \frac{4x}{4} = \frac{-12}{4} \quad || :4 \\ \quad \quad \quad x = -3 \end{array}$$

$$\begin{array}{l} d) \quad \cancel{9x} + 17 = \cancel{5x} + 11 \quad || -6x \\ \quad \quad 3x + 17 = 11 \quad || -17 \\ \quad \quad \quad \frac{3x}{3} = \frac{-6}{3} \quad || :3 \\ \quad \quad \quad x = -2 \end{array}$$

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